

Mr. Tom Richmond Montana Board of Oil and Gas Conservation Billings Technical Office 2535 St. Johns Avenue Billings, MT 59102

Re:

Dianne Federal 2658 42-22H-Flaring Extension Request

API Number: 25-083-23045

Richland County, MT

Dear Mr. Richmond,

Oasis Petroleum respectfully requests an extension to flare the Dianne Federal 2658 42-22H well. This is a wildcat well located in Richland County, MT. The summary below contains information regarding Oasis Petroleum's current well production and the required information to support Oasis Petroleum's request to continue flaring beyond the 60 day test period, as required by ARM 36.22.1220.

Current Producing Well Summary:

Dianne Federal 2658 42-22H

Completion Dates: 2/10/2013-2/17/2013 Cleanout Dates: 2/22/2013-2/26/2013 Production Start Date: 2/24/2013

Oasis Petroleum is approaching the allotted 60 day term, Oasis Petroleum requests an extension due to the well averaging over 100 mcf/d. This well is committed to BearPaw and we are currently in ROW negotiations. We anticipate having this well hooked up to gas sales 3Q 2013.

Sincerely,

Brandi Terry



Mr. Tom Richmond Montana Board of Oil and Gas Conservation Billings Technical Office 2535 St. Johns Avenue Billings, MT 59102

Re:

Stilt Federal 2658 42-22H-Flaring Extension Request

API Number: 25-083-22981 Richland County, MT

Dear Mr. Richmond,

Oasis Petroleum respectfully requests an extension to flare the Carl Federal 2658 43-23H well. This is a wildcat well located in Richland County, MT. The summary below contains information regarding Oasis Petroleum's current well production and the required information to support Oasis Petroleum's request to continue flaring beyond the 60 day test period, as required by ARM 36.22.1220.

Current Producing Well Summary:

Stilt Federal 2658 42-22H

Completion Dates: 2/11/2013-2/18/2013 Cleanout Dates: 2/25/2013-3/2/2013 Production Start Date: 2/27/2013

Oasis Petroleum is approaching the allotted 60 day term, Oasis Petroleum requests an extension due to the well averaging over 100 mcf/d. This well is committed to BearPaw and we are currently in ROW negotiations. We anticipate having this well hooked up to gas sales 3Q 2013.

Sincerely,

Brandi Terry



Mr. Tom Richmond Montana Board of Oil and Gas Conservation Billings Technical Office 2535 St. Johns Avenue Billings, MT 59102

Re:

Carl Federal 2658 43-23H-Flaring Extension Request

API Number: 25-083-22972

Richland County, MT

Dear Mr. Richmond,

Oasis Petroleum respectfully requests an extension to flare the Carl Federal 2658 43-23H well. This is a wildcat well located in Richland County, MT. The summary below contains information regarding Oasis Petroleum's current well production and the required information to support Oasis Petroleum's request to continue flaring beyond the 60 day test period, as required by ARM 36.22.1220.

Current Producing Well Summary:

Carl Federal 2658 43-23H

Completion Dates: 10/14/2012-10/24/2012 Cleanout Dates: 10/28/2012-11/2/2012 Production Start Date: 10/31/2012

Oasis Petroleum is past the allotted 60 day term, Oasis Petroleum requests an extension due to the well averaging over 100 mcf/d. This well is committed to BearPaw and we are currently in ROW negotiations. We anticipate having this well hooked up to gas sales 3Q 2013.

Sincerely,

Brandi Terry



Mr. Tom Richmond Montana Board of Oil and Gas Conservation Billings Technical Office 2535 St. Johns Avenue Billings, MT 59102

Re:

Otis 2658 43-23H-Flaring Extension Request

API Number: 25-083-22959

Richland County, MT

Dear Mr. Richmond,

Oasis Petroleum respectfully requests an extension to flare the Otis 2658 43-23H well. This is a wildcat well located in Richland County, MT. The summary below contains information regarding Oasis Petroleum's current well production and the required information to support Oasis Petroleum's request to continue flaring beyond the 60 day test period, as required by ARM 36.22.1220.

Current Producing Well Summary:

Otis 2658 43-23H

Completion Dates: 10/15/2012-10/24/2012 Cleanout Dates: 11/2/2012-11/6/2012 Production Start Date: 11/4/2012

Oasis Petroleum is past the allotted 60 day term, Oasis Petroleum requests an extension due to the well averaging over 100 mcf/d. This well is committed to BearPaw and we are currently in ROW negotiations. We anticipate having this well hooked up to gas sales 3Q 2013.

Sincerely,

Brandi Terry



Mr. Tom Richmond Montana Board of Oil and Gas Conservation Billings Technical Office 2535 St. Johns Avenue Billings, MT 59102

Re:

Loki 2658 12-25H-Flaring Extension Request

API Number: 25-083-22957 Richland County, MT

Dear Mr. Richmond.

Oasis Petroleum respectfully requests an extension to flare the Loki 2658 12-25H well. This is a wildcat well located in Richland County, MT. The summary below contains information regarding Oasis Petroleum's current well production and the required information to support Oasis Petroleum's request to continue flaring beyond the 60 day test period, as required by ARM 36.22.1220.

Current Producing Well Summary:

Loki 2658 12-25H

Completion Dates: 6/25/2012-7/1/2012 Cleanout Dates: 7/12/2012-7/17/2012 Production Start Date: 7/13/2012

Oasis Petroleum is past the allotted 60 day term, Oasis Petroleum requests an extension due to the well averaging over 100 mcf/d. This well is committed to BearPaw and we are currently in ROW negotiations. We anticipate having this well hooked up to gas sales 3Q 2013.

Singerely,

Brandi Terry



April 25, 2013

PRECIONAL

APPR 225 268

CHOMIENARINGK AFTER

Mr. Tom Richmond Montana Board of Oil and Gas Conservation Billings Technical Office 2535 St. Johns Avenue Billings, MT 59102

Re:

Betsy Federal 2758 24-29H-Flaring Extension Request

API Number: 25-085-21860 Roosevelt County, MT

Dear Mr. Richmond,

Oasis Petroleum respectfully requests an extension to flare the Betsy Federal 2758 24-29H well. This is a wildcat well located in Roosevelt County, MT. The summary below contains information regarding Oasis Petroleum's current well production and the required information to support Oasis Petroleum's request to continue flaring beyond the 60 day test period, as required by ARM 36.22.1220.

Current Producing Well Summary:

Betsy Federal 2758 24-29H

Completion Dates: 6/8/2012-6/14/2012 Cleanout Dates: 7/6/2012-7/12/2012 Production Start Date: 7/9/2012

Oasis Petroleum is past the allotted 60 day term, Oasis Petroleum requests an extension due to the well averaging over 100 mcf/d. We are currently in ROW negotiations and request the maximum amount of time you will allow for the flaring extension.

Sincerely,

Brandi Terry



April 25, 2013

APR 26 219 CROWLEY FLECK PLLP

Mr. Tom Richmond Montana Board of Oil and Gas Conservation Billings Technical Office 2535 St. Johns Avenue Billings, MT 59102

Re:

Sam 2858 12-17H-Flaring Extension Request

API Number: 25-085-21839 Roosevelt County, MT

Dear Mr. Richmond,

Oasis Petroleum respectfully requests an extension to flare the Sam 2858 12-17H well. This is a wildcat well located in Roosevelt County, MT. The summary below contains information regarding Oasis Petroleum's current well production and the required information to support Oasis Petroleum's request to continue flaring beyond the 60 day test period, as required by ARM 36.22.1220.

Current Producing Well Summary:

Sam 2858 12-17H

Completion Dates: 5/2/2012-5/7/2012 Cleanout Dates: 5/30/2012-6/4/2012 Production Start Date: 6/1/2012

Oasis Petroleum is past the allotted 60 day term, Oasis Petroleum requests an extension due to the well averaging over 100 mcf/d. We are currently in ROW negotiations and request the maximum amount of time you will allow for the flaring extension.

Sincerely,

Brandi Terry



390 119TH AVE. SW Killdeer, North Dakota 58650-9756



PHONE:

(701) 863-6622

FAX:

(701) 863-6620

March 25, 2013

Mr. Tom Richmond Montana Board of Oil and Gas Conservation Billings Technical Office 2535 St. Johns Avenue Billings, Montana 59102

Re:

BOJE FARMS 19-54-17D-20-1H - Flaring Extension Request

API Number: 25-021-21184 Dawson County, Montana

Dear Mr. Richmond,

Petro-Hunt, L.L.C. respectfully requests an estension to flare the Boje Farms 19-54-17D-20-1H well, which is a wildcat well located in the Bloomfield area in Dawson County, Montana. The summary below contains information regarding Petro-Hunt, L.L.C.'s current well production and the required information to support Petro-Hunt, L.L.C.'s request to continue flaring beyond the 60-day test period, as required by ARM 36.22.1220.

Current Producing Well Summary:

Boje Farms 19-54-17D-20-1H

Completion Dates:

2/16/11 - 2/23/11

Flowback Dates:

2/24/11 - 3/10/11

Production Start Date:

3/11/11

Petro-Hunt, L.L.C. is past the allotted 60 day term. Petro-Hunt, L.L.C. requests an extension due to the well averaging over 100 mcf/d and infrastructure of current pipelines and gas sales facilities around well location.

Gas Analysis - See attached

Estimated Gas Reserves:

Although gas production is accompanying oil production in this well, gas is not being produced in sufficient quantities to justify the installation of a pipeline to sell gas. Petro-Hunt, L.L.C. is still in the exploration phase and extended testing is needed to forecast any potential gas reserves. At this time, gas production is a bi-product of oil production and will only become valuable once development of infrastructure is economical.

Proximity of Well to Gas Market:

There is one potential path for Petro-Hunt, L.L.C.'s gas to get to market which is to a Highland pipeline in Richland County, MT near Enid. A synopsis of getting Petro-Hunt, L.L.C.'s gas to market is below.

Distance to Well: In excess of 25 miles Estimated Pipline Pressure: +/-200 psi

Estimated Pipe cost:

\$1,300,000

Estimated Construction and Installation Cost:

\$1,100,000

Estimated Cost of Paperwork, Right of Ways, Easements etc.:

\$800,000

Total Cost:

\$3,200,000

At current gas prices of \pm -- \$3.35/mcf and at the current gas production rate of the well \pm -200 mcf/day, this project would pay out in roughly 13 years.

Reinjection Potential:

Due to the characteristics of the reservoir and the high costs of a re-injection plant, Petro-Hunt, L.L.C. does not believe this to be a viable option at this time.

Other Conservation Oriented Disposition:

The location of this well and the amount of gas produced from it have made any practice to gather NGL's and cut down on total gas flared not economically feasible at this time. Once the area is better developed, Petro-Hunt, L.L.C. will be in a position to be able to consider these alternatives.

Amount of Gas Used In Operations:

Petro-Hunt, L.L.C. currently uses produced gas to fuel its heater treater equipment. The gas used for this is estimated at 10-15 mcf/day. There is no pumping unit or any other equipment on location at this time that would use gas.

From what is seen in the analysis, the area where this well is located has not been developed enough to provide access to the gas market in an economic and feasible manner. Once access to the gas market becomes more readily and easily available, Petro-Hunt, L.L.C. will review this subject again if still needed.

If you require any additional information or have any questions, please do not hesitate to contact me at 701-863-1319 or <u>cluethy@petrohunt.com</u>.

Thank you for your assistance in this matter.

Sincerely,

Cameron Luethy District Engineer

ASTRO-CHEM LAB, INC.

4102 2nd Ave. West

Williston, North Dakota 58802-0972 P.O. Box 972

Phone: (701) 572-7355

NATURAL GAS ANALYSIS

COMPANY Petro-Hunt, LLC.

DATE OF ANALYSIS

LEASE

Boje Farms 19-54-17D-1H

DATE SAMPLED

2-28-11

SAMPLE SOURCE

Treater

SAMPLE NUMBER

G-11-0726

TYPE OF ANALYSIS

GAS

SAMPLED BY

INTERVAL

PRESSURE

DZ

68

10 PSI

TEMPERATURE

ANALYSIS BY CJ

FORMATION

TOWNSHIP

RANGE

LOCATION

DISTRIBUTION

SECTION Distribution List

COMPONENT	MOLE %	GPM	the first the second property of the second second
Nitrogen Methane Carbon Dioxide Ethane H2S Propane i-Butane n-Butane i-Pentane n-Pentane Hexanes+ Oxygen/Argon	3.63 53.77 2.59 19.48 0.00 13.06 0.81 4.25 0.29 1.30 0.82 0.00	0.000 0.000 0.000 5.201 0.000 3.581 0.264 1.334 0.106 0.468 0.359 0.000	
Total	100.00	11.313	

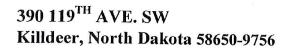
CALCULATED SPECIFIC GRAVITY 0.9440 (Air =1.0000)

CALCULATED GROSS BTU/ft3

1470 (Saturated) 1496 (Dry) at 14.73 psi and 60°F

REMARKS

On-Site H2S = 16 ppm





PHONE:

(701) 863-6622

FAX:

(701) 863-6620

March 25, 2013

Mr. Tom Richmond Montana Board of Oil and Gas Conservation Billings Technical Office 2535 St. Johns Avenue Billings, Montana 59102

Re:

Borntrager 2C-2-1 - Flaring Extension Request

API Number: 25-021-21193 Dawson County, Montana

Dear Mr. Richmond,

Petro-Hunt, L.L.C. respectfully requests an estension to flare the Borntrager 2C-2-1 well, located in the Bloomfield area in Dawson County, Montana. The summary below contains information regarding Petro-Hunt, L.L.C.'s current well production and the required information to support Petro-Hunt, L.L.C.'s request to continue flaring beyond the 60-day test period, as required by ARM 36.22.1220.

Current Producing Well Summary:

Borntrager 2C-2-1

Completion Dates:

9/12/12 - 9/19/12

Flowback Dates:

9/20/12 - 9/27/12

Production Start Date:

9/27/12

Petro-Hunt, L.L.C. is past the allotted 60 day term. Petro-Hunt, L.L.C. requests an extension due to the well averaging over 100 mcf/d and infrastructure of current pipelines and gas sales facilities around well location.

Gas Analysis - See attached

Estimated Gas Reserves:

Although gas production is accompanying oil production in this well, gas is not being produced in sufficient quantities to justify the installation of a pipeline to sell gas. Petro-Hunt, L.L.C. is still in the exploration phase and extended testing is needed to forecast any potential gas reserves. At this time, gas production is a bi-product of oil production and will only become valuable once development of infrastructure is economical.

Proximity of Well to Gas Market:

There is one potential path for Petro-Hunt, L.L.C.'s gas to get to market which is to a Highland pipeline in Richland County, MT near Enid. A synopsis of getting Petro-Hunt, L.L.C.'s gas to market is below.

Distance to Well: In excess of 25 miles Estimated Pipline Pressure: +/-200 psi

Estimated Pipe cost:

\$1,300,000

Estimated Construction and Installation Cost:

\$1,100,000

Estimated Cost of Paperwork, Right of Ways, Easements etc.:

\$800,000

Total Cost:

\$3,200,000

At current gas prices of +/- \$3.35/mcf and at the current gas production rate of the well +/-150 mcf/day, this project would pay out in roughly 17.5 years.

Reinjection Potential:

Due to the characteristics of the reservoir and the high costs of a re-injection plant, Petro-Hunt, L.L.C. does not believe this to be a viable option at this time.

Other Conservation Oriented Disposition:

The location of this well and the amount of gas produced from it have made any practice to gather NGL's and cut down on total gas flared not economically feasible at this time. Once the area is better developed, Petro-Hunt, L.L.C. will be in a position to be able to consider these alternatives.

Amount of Gas Used In Operations:

Petro-Hunt, L.L.C. currently uses produced gas to fuel its heater treater equipment. The gas used for this is estimated at 10-15 mcf/day. There is no pumping unit or any other equipment on location at this time that would use gas.

From what is seen in the analysis, the area where this well is located has not been developed enough to provide access to the gas market in an economic and feasible manner. Once access to the gas market becomes more readily and easily available, Petro-Hunt, L.L.C. will review this subject again if still needed.

If you require any additional information or have any questions, please do not hesitate to contact me at 701-863-1319 or cluethy@petrohunt.com.

Thank you for your assistance in this matter.

Sincerely.

Cameron Luethy

District Engineer

ASTRO-CHEM LAB, INC.

4102 2nd Ave. West

Williston, North Dakota 58802-0972 P.O. Box 972

Phone: (701) 572-7355

NATURAL GAS ANALYSIS

COMPANY Petro-Hunt, LLC.

DATE OF ANALYSIS 9-24-12

LEASE Borntrager 26-2-1

DATE SAMPLED 9-20-12

TEMPERATURE

of:

SAMPLE SOURCE Treater

PRESSURE

SAMPLE NUMBER G-12-7180

SAMPLED BY TH

PSI

TYPE OF ANALYSIS GAS

ANALYSIS BY

BK

FORMATION

INTERVAL

LOCATION

SECTION

TOWNSHIP

RANGE

DISTRIBUTION

Distribution List

Nitrogen GPM	the sea female and a range members have be thank the first the season branches to be served by the me	And the second s			
Methane 52.04 0.000 Carbon Dioxide 2.41 0.000 Ethane 20.53 5.482 Propane 0.00 0.000 Propane 13.18 3.614 n-Butane 0.80 0.261 i-Pantane 4.32 1.356 n-Pentane 0.31 0.113 Hexanes+ 1.03 0.451 Oxygen/Argon 0.00 Total		COMPONENT	The second secon	and the same of th	and the second of the second fulfilled and by part is a second advanced and described and second second second
		Methane Carbon Dioxide Ethane H28 Propane i-Butane n-Butane i-Pentane n-Pentane Hexanes+ Oxygen/Argon	52.04 2.41 20.53 0.00 13.18 0.80 4.32 0.31 1.39 1.03 0.00	0.000 0.000 5.482 0.000 3.614 0.261 1.356 0.113 0.501 0.451	
	Emmand transport and continuous and colors of the plants of the contract transport of the colors of		100.00	the state of the s	and the control dark products to the name to the Appendix Organization and the control of the co

CALCULATED SPECIFIC GRAVITY 0.9584 (Air =1.0000)

CALCULATED GROSS BTU/ft3

1491 (Saturated) 1517 (Dry) at 14.73 psi and 60°F

REMARKS

On-Site H2S = 36 ppm by T. Holter, ACL.



390 119TH AVE. SW Killdeer, North Dakota 58650-9756



PHONE:

(701) 863-6622

FAX:

(701) 863-6620

March 27, 2013

Mr. Tom Richmond Montana Board of Oil and Gas Conservation Billings Technical Office 2535 St. Johns Avenue Billings, Montana 59102

Re:

Walter Senner 19-54-18D-2-1 – Flaring Extension Request

API Number: 25-021-21192 Dawson County, Montana

Dear Mr. Richmond,

Petro-Hunt, L.L.C. respectfully requests an estension to flare the Walter Senner 19-54-18D-2-1 well, a wildcat well located in Dawson County, Montana. The summary below contains information regarding Petro-Hunt, L.L.C.'s current well production and the required information to support Petro-Hunt, L.L.C.'s request to continue flaring beyond the 60-day test period, as required by ARM 36.22.1220.

Current Producing Well Summary:

Walter Senner 19-54-18D-2-1

Completion Dates:

8/21/12 - 8/26/12

Flowback Dates:

8/27/12 - 9/21/12

Production Start Date:

9/21/12

Petro-Hunt, L.L.C. is past the allotted 60 day term. Petro-Hunt, L.L.C. requests an extension due to the well averaging over 100 mcf/d and infrastructure of current pipelines and gas sales facilities around well location.

Gas Analysis - See attached

Estimated Gas Reserves:

Although gas production is accompanying oil production in this well, gas is not being produced in sufficient quantities to justify the installation of a pipeline to sell gas. Petro-Hunt, L.L.C. is still in the exploration phase and extended testing is needed to forecast any potential gas reserves. At this time, gas production is a bi-product of oil production and will only become valuable once development of infrastructure is economical.

Proximity of Well to Gas Market:

There is one potential path for Petro-Hunt, L.L.C.'s gas to get to market which is to a Highland pipeline in Richland County, MT near Enid. A synopsis of getting Petro-Hunt, L.L.C.'s gas to market is below.

Distance to Well: In excess of 25 miles Estimated Pipline Pressure: +/-200 psi

Estimated Pipe cost:

\$1,300,000

Estimated Construction and Installation Cost:

\$1,100,000

Estimated Cost of Paperwork, Right of Ways, Easements etc.:

\$800,000

Total Cost:

\$3,200,000

At current gas prices of \pm -- \$3.35/mcf and at the current gas production rate of the well \pm -150 mcf/day, this project would pay out in roughly 17.5 years.

Reinjection Potential:

Due to the characteristics of the reservoir and the high costs of a re-injection plant, Petro-Hunt, L.L.C. does not believe this to be a viable option at this time.

Other Conservation Oriented Disposition:

The location of this well and the amount of gas produced from it have made any practice to gather NGL's and cut down on total gas flared not economically feasible at this time. Once the area is better developed, Petro-Hunt, L.L.C. will be in a position to be able to consider these alternatives.

Amount of Gas Used In Operations:

Petro-Hunt, L.L.C. currently uses produced gas to fuel its heater treater equipment. The gas used for this is estimated at 10-15 mcf/day. There is no pumping unit or any other equipment on location at this time that would use gas.

From what is seen in the analysis, the area where this well is located has not been developed enough to provide access to the gas market in an economic and feasible manner. Once access to the gas market becomes more readily and easily available, Petro-Hunt, L.L.C. will review this subject again if still needed.

If you require any additional information or have any questions, please do not hesitate to contact me at 701-863-1319 or cluethy@petrohunt.com.

Thank you for your assistance in this matter.

Sincerely,

Cameron Luethy District Engineer

4102 2nd Ave. West

P.O. Box 972

Phone: (701) 572-7355

NATURAL GAS ANALYSIS

<u>COMPANY</u> Petro-Hunt, LLC.

<u>DATE OF ANALYSIS</u>

LEASE Walter Senner 19-54-18D-2-1

DATE SAMPLED 3-27-13

TEMPERATURE

co |:::

SAMPLE SOURCE

PRESSURE

PSI

SAMPLE NUMBER

0-13-1919

SAMPLED BY

TYPE DE ANALYSIS Gas

UNUTABLE BA

DK:

FORMATION

INTERVAL

LOCATION

SECTION

RANGE

<u>DISTRIBUTION</u> Distribution List

Action to the last th	**************************************			
	Control of the 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MOLE %	GENA.	
	Methane Carbon Dioxide Ethane H28 Propane i-Butane n-Butane i-Pentane n-Pentane H28	3.49 50.35 1.48 18.30 0.00 13.12 0.95 5.39 0.54 2.66 3.72	0.000 0.000 0.000 4.886 0.000 3.598 0.310 1.692 0.196 0.958 1.629 0.000	
	Total	100.00	1 72 SEC CI	
			V-18-3 a x -1-18-18-18-18-18-18-18-18-18-18-18-18-1	

CALCULATED SPECIFIC GRAVITY 1.0501 (Air =1.0000)

CALCULATED GROSS BTU/ft3 1661 (Saturated) 1691 (Dry) at 14.73 psi and 60°F

<u>REMARKS</u> Dawson County, MT

RECEIVED

MAR 1 4 2013

AFFIDAVIT OF BRANDON WILLIAMS

STATE OF TEXAS)
COUNTY OF TRAVIS) ss)

MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

Brandon Williams, of lawful age being first being duly sworn, deposes and states as follows:

- 1. I am employed by Brigham Oil & Gas, L.P. ("Brigham") as an Operations Engineer.
- 2. Brigham is a leasehold interest owner in a 1280-acre drilling unit consisting of Sections 19 and 18-T 28N-R 59E, in Roosevelt County, Montana.
- 3. I am familiar with the leasehold title for Sections 19 and 18-T 28N-R 59E, and know that Brigham has leasehold ownership and/or support from working interest owners totaling 763.7679 acres or 62.201451% of the 1280 acre unit. Brigham is the largest working interest owner in the spacing unit. Gas analysis for the subject well is attached as Exhibit A.
 - 4. Estimated gas reserves for the Willard 19-18 #1H is 106.845 MMcf.
- 5. The well is approximately 3 miles from a gas sales connection point; however Brigham and its third-party contractor, OneOk have been unable to secure right-of-way access to the proposed gas connection point.
 - 6. The estimated gas price at the nearest gas market is estimated at $$\underline{6.56}$ per MCF.
 - 7. The estimated cost for marketing the gas is \$0.51 per MCF.
- 8. Brigham has evaluated other conservation-oriented alternatives; however the capital costs are prohibitive for electric generation and stripping of natural gas liquids assuming that the well will eventually be connected to a gas gathering system and sales point.
 - 9. Approximately 10 MCF per day are used for lease operations.

Brandon Williams

Subscribed and sworn to before me this 11th day of March, 2013.



Notary Public
Commission Number

RECEIVED

AFFIDAVIT OF BRANDON WILLIAMS

MAR 1 4 2013

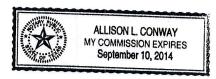
STATE OF TEXAS)	MONTANA BOARD OF OIL &
COUNTY OF TRAVIS) ss)	GAS CONSERVATION . BILLINGS

Brandon Williams, of lawful age being first being duly sworn, deposes and states as follows:

- 1. I am employed by Brigham Oil & Gas, L.P. ("Brigham") as an Operations Engineer.
- 2. Brigham is a leasehold interest owner in a 1280-acre drilling unit consisting of Sections 30 and 31-T 28N-R 59E, in Roosevelt County, Montana.
- 3. I am familiar with the leasehold title for Sections 30 and 31-T 28N-R 59E, and know that Brigham has leasehold ownership and/or support from working interest owners totaling 882.5377 acres or 73.133567 % of the 1280 acre unit. Brigham is the largest working interest owner in the spacing unit. Gas analysis for the subject well is attached as Exhibit A.
 - 4. Estimated gas reserves for the Wilde 30-31 #1H is 183.003 MMcf.
- 5. The well is approximately 3 miles from a gas sales connection point; however Brigham and its third-party contractor, OneOk have been unable to secure right-of-way access to the proposed gas connection point.
 - 6. The estimated gas price at the nearest gas market is estimated at \$ 6.56 per MCF.
 - 7. The estimated cost for marketing the gas is \$ 0.51 per MCF.
- 8. Brigham has evaluated other conservation-oriented alternatives; however the capital costs are prohibitive for electric generation and stripping of natural gas liquids assuming that the well will eventually be connected to a gas gathering system and sales point.
 - 9. Approximately 10 MCF per day are used for lease operations.

Brandon Williams

Subscribed and sworn to before me this 11th day of March, 2013.



Notary Public



QUESTAR APPLIED TECHNOLOGY

1210 D. Street, Rock Springs, Wyoming 82901 (307) 352-7292

MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

LIMS ID:

Analysis Date/Time:

5/13/2011 PRP

N/A

12:29 PM Field:

Description:

Swindle 16-9-1H Lanark

Analyst Initials: Instrument ID:

Instrument 1

ML#:

Brigham Oil & Gas

Data File:

QPC23.D

GC Method: Quesbtex

Date Sampled:	5/10/2011	
Component	M	
/other -	_	

Component	Mo	ol%	Wt%	LV%
Methane	53.7895			
Ethane	21.7986		1.3131	41.6485
Propane	12.7916		3.7851	26.7031
Isobutane	1.5369		0.4681	16.1109
n-Butane	4.4902		.2414	2.2980
Neopentane	0.0058		.4702	6.4706
Isopentane	0.8273		.0153	0.0102
n-Pentane	1.0938		.1660	1.3841
2,2-Dimethylbutane	0.0051		.8637	1.8107
2,3-Dimethylbutane	0.0604		.0161	0.0098
2-Methylpentane	0.1884		1890	0.1132
3-Methylpentane	0.1077		5891	0.3573
n-Hexane	0.2416		3368	0.2009
Heptanes	0.4171		7556	0.4541
Octanes	0.0501		4161	0.7573
Nonanes	0.0168		2061	0.1126
Decanes plus	0.0027		0738	0.0390
Nitrogen	1.7807		0138	0.0075
Carbon Dioxide	0.7957		8101	0.8924
Oxygen	0.0000		2706	0.6198
Hydrogen Sulfide	0.0000		0000	0.0000
Total	100.0000		0000	0.0000
Global Properties	100,0000	Units	0.0000	100.0000
Gross BTU/Real CF	1592.5	ACTION AND ADDRESS OF THE PROPERTY OF THE PROP	11/005	
Sat.Gross BTU/Real Cl	= 1566.2	DI	U/SCF at 60°F and 1	14.73 psia
Gas Compressibility (Z)		ы	'U/SCF at 60°F and1	14.73 psia
Specific Gravity	0.9538	oir.	_1	
Avg Molecular Weight	27.558	air	- A	
Propane GPM	3.505701		n/mole	
Butane GPM	1.913617		/MCF	
Gasoline GPM	1.099962		/MCF /MCF	
26# Gasoline GPM	2.513224	-	/MCF	
Total GPM	6.520573	_	/MCF	
Base Mol%	100.960	yai %v		
Sample Temperature:	89	°F		
Sample Pressure:	45	psi	ב	
H2SLength of Stain Tub	e N/A	ppn		

Component	Mol%	\\/+0/	
Benzene Toluene Ethylbenzene M&P Xylene O-Xylene 2,2,4-Trimethylpentane Cyclopentane Cyclohexane	Mol% 0.0329 0.0118 0.0012 0.0032 0.0009 0.0368 0.0000 0.0460	Wt% 0.0933 0.0396 0.0046 0.0122 0.0033 0.1526 0.0000 0.1405	0.0421 0.0181 0.0021 0.0056 0.0015 0.0845 0.0000 0.0716
Methylcyclohexane Description:	0.0410 Swindle 16-9-1H	0.1462	0.0716 0.0754
O-Xylene 2,2,4-Trimethylpentane Cyclopentane Cyclohexane Methylcyclohexane	0.0009 0.0368 0.0000 0.0460 0.0410	0.0033 0.1526 0.0000 0.1405	0.0015 0.0845 0.0000 0.0716

GRI GlyCalc Information

Component	Mol%	Wt%	
Carbon Dioxide	0.7957	1.2706	LV%
Hydrogen Sulfide	0.0000		0.6198
Nitrogen	1.7807	0.0000	0.0000
Methane	53.7895	1.8101	0.8924
Ethane	21.7986	31.3131	41.6485
Propane	12.7916	23.7851	26.7031
Isobutane	1.5369	20.4681	16.1109
n-Butane	4.4902	3.2414	2.2980
Isopentane	0.8331	9.4702	6.4706
n-Pentane	1.0938	2.1813	1.3943
Cyclopentane	0.0000	2.8637	1.8107
n-Hexane	0.2416	0.0000	0.0000
Cyclohexane	0.0460	0.7556	0.4541
Other Hexanes	0.3616	0.1405	0.0716
Heptanes	0.2486	1.1310	0.6812
Methylcyclohexane	0.0410	0.8439	0.4656
2,2,4 Trimethylpentane	0.0368	0.1462	0.0754
Benzene	0.0329	0.1526	0.0845
Toluene	0.0329	0.0933	0.0421
Ethylbenzene	0.0012	0.0396	0.0181
Xylenes	0.0012	0.0046	0.0021
C8+ Heavies	0.0643	0.0155	0.0071
Subtotal	100.0000	0.2736	0.1499
Oxygen	0.0000	100.0000	100.0000
Total	100.0000	0.0000	0.0000
	100.0000	100.0000	100.0000

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